

Having thus described the invention, it is now claimed:

1. A building system comprising:

a first building member having a length as measured between first and second ends and a first notched region including a generally planar recessed first surface extending a portion of the length, the first surface having a first hole therein;

a second building member having a length as measured between first and second ends and a second notched region including a generally planar recessed second surface extending a portion of the length, the second surface having a second hole therein, the second notched region being adapted for nesting engagement with the first notched region when the first and second building members are disposed in a predetermined relative position and the first and second holes are axially aligned; and,

means for selectively fastening the first and second building members in a semi-permanent relationship, the fastening means including a first fastening member having a length, a first end, a second end, a central axis, and a threaded axial recess at the first end, the first fastening member being dimensioned and configured for reception within the first hole, the fastening means further including a second fastening member having a first end, a second end, a length, a central axis, and an axially extending threaded region at the second end, the second fastening member being dimensioned and configured for reception within the second hole and the threaded region of the second fastening member being dimensioned and configured for engagement within the threaded axial recess of the first fastening member.

25

2. The building system of claim 1 wherein:

the second hole is provided with a recessed seat; and,

the second fastening member includes a flange at the first end, the flange being dimensioned and configured for engagement on the recessed seat.

30

3. The building system of claim 2 wherein the flange and the recessed seat are dimensioned and configured so that a top surface of the flange is flush with the second surface when the flange is engaged on the seat.

5 4. The building system of claim 2 wherein the flange is provided with means for manual rotation of the second fastening member about its axis.

5. The building system of claim 4 wherein the rotation means includes a plurality of slots.

10

6. The building system of claim 4 wherein the rotation means includes a plurality of ridges.

7. The building system of claim 1 wherein the second fastening member
15 includes a threaded axial recess at the first end thereof.

8. The building system of claim 1 wherein the first building member comprises a hollow body and wherein the first and second ends are capped.

20 9. The building system of claim 1 wherein the first building member comprises a body formed of polyethylene.

10. The building system of claim 1 wherein the second building member includes a third notched region including a generally planar recessed third surface
25 being spaced from and parallel to the second surface and wherein the second hole extends through the third surface.

11. The building system of claim 1 wherein the first building member comprises a cylindrical body.

30

12. A structure comprising:

a first building member having a length as measured between first and second ends and a first notched region including a generally planar recessed first surface extending a portion of the length, the first surface having a hole
5 therein;

a second building member having a length as measured between first and second ends and a second notched region including a generally planar recessed second surface extending a portion of the length, the second surface having a second hole therein, the second notched region being in nesting engagement with
10 the first notched region whereby the first and second building members are disposed in a predetermined relative position and the first and second holes are axially aligned; and,

means for selectively fastening the two building members in a semi-permanent relationship, the fastening means including a first fastening member
15 having a length, a first end, a second end, a central axis, and a threaded axial recess at the first end, the first fastening member being received within the first hole, the fastening means further including a second fastening member having a first end, a second end, a length, a central axis, and an axially extending threaded region at the second end, the second fastening member being received within the
20 second hole and the threaded region of the second fastening member being engaged within the threaded axial recess of the first fastening member.

13. The structure of claim 12 wherein:

the second hole is provided with a recessed seat; and,
25 the second fastening member includes a flange at the first end, the flange being engaged on the recessed seat.

14. The structure of claim 13 wherein a top surface of the flange is flush with the second surface.

15. The structure of claim 13 wherein the flange is provided with means for manual rotation of the second fastening member about its axis.

16. The structure of claim 15 wherein the rotation means includes a
5 plurality of slots.

17. The structure of claim 15 wherein the rotation means includes a plurality of ridges.

10 18. The structure of claim 12 wherein the second fastening member includes a threaded axial recess at the first end thereof.

19. The structure of claim 12 wherein the first building member comprises a hollow body and wherein the first and second ends are capped.

15 20. The structure of claim 12 wherein the first building member comprises a body formed of polyethylene.

21. The structure of claim 12 wherein the second building member includes
20 a third notched region including a generally planar recessed third surface being spaced from and parallel to the second surface and wherein the second hole extends through the third surface.

22. The structure of claim 12 wherein the first building member comprises
25 a cylindrical body.

23. A method for building a structure comprising the steps of:
providing a first building member having a length as measured
between first and second ends and a first notched region including a generally
30 planar recessed first surface extending a portion of the length, the first surface

having a hole therein;

providing a second building having a length as measured between first and second ends and a second notched region including a generally planar recessed second surface extending a portion of the length, the second surface
5 having a second hole therein, the second notched region being adapted for nesting engagement with the first notched region when the first and second building members are disposed in a predetermined relative position and the first and second holes are axially aligned;

providing means for selectively fastening the first and second
10 building members in a semi-permanent relationship, the fastening means including a first fastening member having a length, a first end, a second end, a central axis, and a threaded axial recess at the first end, the first fastening member being dimensioned and configured for reception with the first hole, the fastening means further including a second fastening member having a first end, a second end, a
15 length, a central axis, and an axially extending threaded region at the second end, the second fastening member being dimensioned and configured for reception within the second hole and the threaded region of the second fastening member being dimensioned and configured for engagement with the threaded axial recess of the first fastening member;

20 positioning the first fastening member in the first hole;
positioning the second notched region of the second building member into nesting engagement with the first notched region of the first building member;

positioning the second fastening member in the second hole; and,
25 rotating the second fastening member so that the axially extending threaded region is engaged within the threaded axial recess of the first fastening member.

24. The method of claim 23 wherein the second fastening member includes
30 a flange at the first end which includes means for manual rotation of the second

fastening member about its axis, and wherein the step of rotating the second fastening member further includes:

utilizing the manual rotation means to rotate the second fastening member.

5

25. A fastening assembly comprising:

a first fastening member having a length, a first end, a second end, a central axis, and a threaded axial recess at the first end; and,

a second fastening member having a length, a first end, a second
10 end, a central axis, and an axially extending threaded region at the second end, the axially extending threaded region being engaged within the threaded axial recess of the first fastening member.